Solar energy projects in Uttaranchal

†3038. SHRI HARISH RAWAT: Will the Minister of NON-CONVENTIONAL ENERGY SOURCES be pleased to state:

(a) the total number of solar energy projects being run with the help of Central Government in Uttaranchal State and the quantity of energy being generated with the help of these projects;

(b) whether the State Government has sent some new project proposals to the Ministry; and

(c) if so, the details thereof and the time by when these projects are expected to be sanctioned?

THE MINISTER OF STATE OF THE MINISTRY OF NON-CONVENTIONAL ENERGY SOURCES (SHRI VILAS MUTTEMWAR): (a) So far under solar energy programmes of Central Government, 27,027 solar lanterns; 41,480 solar home systems; 300 solar street lighting systems; 18 solar water pumps; 20 nos. of standalone power plants; 2 grid interactive power plants; and home lights for electrification of 219 villages and 14 hamlets, have been installed in the State of Uttaranchal. The cumulative capacity of photovoltaic modules installed under these systems aggregates to 230 kWp. These systems are expected to generate 36.60 lakhs units of electrical energy per year.

(b) and (c) Yes, Sir. Proposals have been received from Uttaranchal Renewable Energy Development Agency (UREDA) for installation of 5000 solar lanterns, 5000 solar home systems, 500 solar street lighting systems and 50 solar water pumping systems. In addition, proposals for electrification of 151 remote villages and 33 remote hamlets using solar photovoltaic systems have also been received.

Programmes of the Ministry are being restructured during 2005-06. These proposals would be considered as per the provisions of the restructured programmes.

Energy Parks in Karnataka

3039. SHRI K.B. KRISHNA MURTHY: Will the Minister of NON-CONVENTIONAL ENERGY SOURCES be pleased to state:

(a) whether Government has established Energy Parks in Karnataka;

†Original notice of the question was received in Hindi.

(b) if so, the details thereof;

(c) the amount spent during 2004-05 for these Energy Parks in Karnataka; and

(d) whether there is any proposal to set up more Energy Parks in Northern parts of Karnataka?

THE MINISTER OF STATE OF THE MINISTRY OF NON-CONVENTIONAL ENERGY SOURCES (SHRI VILAS MUTTEMWAR): (a) and (b) 15 District level Energy Parks have been established so far in Karnataka. Also, a State level energy park has been sanctioned at Indira Gandhi Musical Fountain Garden, Ali Askar Road, Bangalore in Karnataka, which is under implementation. Location-wise details of the established district level energy parks are given in Statement (*See* below).

(c) The Karnataka Renewable Energy Development Ltd. (KREDL), the State nodal agency for energy parks have reported that they have spent Rs. 52,27,220 for setting up energy parks during 2004-05, which includes Rs. 34,11,245 as MNES share.

(d) Two district level energy park proposals for the districts of Bijapur and Bagalkot, which are in the Northern part of Karnataka, have been submitted by the State nodal agency of Karnataka to the Ministry.

Statement

Location-wise list of established district level Energy Parks in Karnataka

Sl. No.	District	Institution
1	2	3
1.	Davanagere	Bapuji Institutet of Technology, Davanagere
2.	Dharwad	B.V.B. College of Engg. & Tech., Hubli,
3.	Mandya	Academy of Sanskrit Research, Melukote
4.	Mangalore	Karnataka Regional Engineering College, Surathkal
5.	Mysore	Sri Jayachamarajendra College of Engg, Mysore

1	2	3
6.	Mysore	Swamy Vivekananda Youth Movement Education Complex, Heggadadevana Kote
7.	Mysore	Chinmaya Sandeepany (KCST), Chokkenahalli
8.	Shimoga	Jawaharla Nehru National College of Engg., Shimoga
9.	Mandya	Mandya PES College of Engineering
10.	Raichur	Government Pre-University College, Arakera, Devodurga, Raichur
11.	Gulbarga	Government Pre-University College of Boys, Gurmitkal, Yadgir, Gulbarga
12.	Kolar	Sir M. Visvesvarya Innovative Technology Development Centre, Muddenahalli, Chickballapur, Taluk Kolar
13.	Tumkur	Siddaganga Institute of Technology, Tumkur
14.	Chikmagalur	Adichunchanagiri Institute of Technology, Chikmagalur
15.	Gulbarga	Mahadevi Girls High School, Sharana Nagar, Gulbarga.

Setting up biomas/bagasse co-generation projects

3040. SHRI SUDARSHAN AKARAPU: Will the Minister of NON-CONVENTIONAL ENERGY SOURCES be pleased to state:

(a) whether Government propose to formulate a scheme where under Biomas/Bagasse co-generation power Projects are set up in all cities/ towns for producing power from solid waste, bionicss residues etc., in co-operation with State Governments and Municipal bodies;

(b) if so, the details thereof; and

(c) if not, the reasons therefor?

THE MINISTER OF STATE OF THE MINISTRY OF NON-CONVENTIONAL ENERGY SOURCES (SHRI VILAS MUTTEMWAR): (a) to (c) The Ministry of Non-Conventional Energy Sources is already implementing a programme for promotion of biomass power and bagasse co-generation. A total of 54 projects for power generation from biomass